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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/616,631	07/26/2000	Thomas Francis McGee III	US 000163	9403

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EXAMINER

WOO, ISAAC M

ART UNIT PAPER NUMBER

2162

DATE MAILED: 04/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/616,631

Applicant(s)

MCGEE ET AL.

Examiner

Isaac M Woo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 January 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,6,7,12,13 and 19 is/are rejected.
- 7) ☒ Claim(s) 2-5, 8-11, 14-18 and 20-24 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on January 03, 2005 has been entered.

2. Claims 1, 7, 13 and 19 are amended. Claims 1-24 are pending.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1, 6-7, 12-13 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shastri et al (U.S. Patent No. 6,845,485, hereinafter, "Shastri") in view of Ono et al (U.S. Patent No. 6,72,163, hereinafter, "Ono").

With respect to claims 1, 7, 13 and 19, Shastri discloses, keyframe classifier for segmenting (keyframe segment, col. 9, lines 41-52) the video signals into an initial set of one or more story segments, see (col. 9, lines 41-65); and text classifier controller adapted for providing multiple classifications of text, the text classifier reading text having a plurality of keywords contained within at least one of the story segments, (629, keyword extraction layer, fig. 7, cc (closed captions) text parsed and scanned, col. 11, lines 29-47), identifying one or more keywords, see (col. 11, lines 29-47); in response to identifying at least one of the keywords (col. 11, lines 29-47); classifying text as a part of one or more classifications of the video signals that have been segmented into the at least one story segment, see (keyframe segment, col. 9, lines 41-52), and in response to a comparison, identifying a keyword transition point (juncture in the segment where a topic or story, col. 9, lines 40-52) within the at least one story segment between two adjacent portions of text, see (col. 12, lines 33-67 to col. 13, lines 1-16, col. 9, lines 40-52, juncture in the segment where a topic or story line has changed). Shastri does not explicitly disclose keywords within each line of a first and second lines of text. However, Ono discloses, "keyword exists while straddling lines. Then, in order to prevent its extraction from being omitted, such keyword is detected from a line in which a previous line temporarily held is connected with a current line. When a plurality of keywords are contained, the same process is implemented on each keyword", see (col. 11, lines 28-42). This teaches that the system detects each keyword from each line. Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to modify Shastri by incorporating keywords within each

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line of a first and second lines of text. Thus, one having ordinary skill in the art at the time the invention was made would have been motivated to use such a modification because that would provide Shastri's system the enhanced capability of providing cc text parsing algorithm is used to examine each line of text for text classification.

With respect to claims 6 and 12, Shastri discloses, algorithm for reading lines of text to identify keywords contained within the lines of text, wherein the algorithm classifies each line of text in a keyword category, that has the largest number of keywords in the line of text, see (col. 11, lines 17-42).

Allowable Subject Matter

5. Claims 2-5, 8-11, 14-18 and 20-24 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac M Woo whose telephone number is (571) 272-4043. The examiner can normally be reached on 8:00-5:00.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

IMW
April 13, 2005


JEAN M. CORRIELUS
PRIMARY EXAMINER